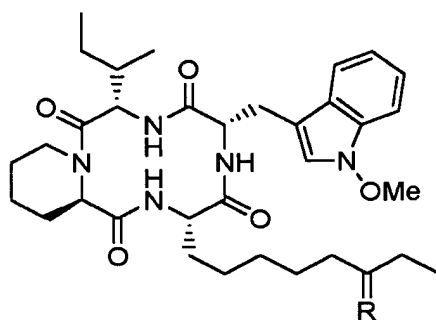


This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (original) A compound of the formula 1:



(1)

wherein R is chosen from semicarbazone, thiosemicarbazone, hydrazone, *tert*-butylhydrazone, phenylhydrazone, 2,4-dinitrophenylhydrazone, 4-methoxyphenylhydrazone, 3-methoxyphenylhydrazone, 4-nitrophenylhydrazone, benzylhydrazone, methanesulfonylhydrazone, benzenesulfonylhydrazone, 4-methylbenzenesulfonylhydrazone, benzoylhydrazone, 4-nitrobenzoylhydrazone, carbohydrazone, benzyloxime and acetoxime.

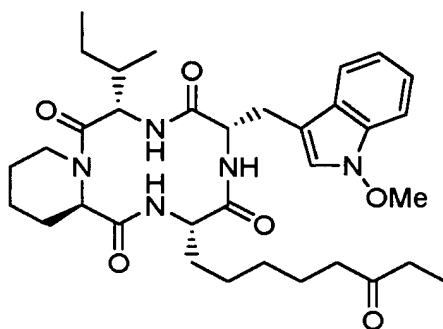
2. (previously presented) The compound of claim 1, wherein R is chosen from semicarbazone, hydrazone, *tert*-butylhydrazone, carbohydrazone, benzyloxime or acetoxime.

3. (previously presented) A histone deacetylase inhibitor comprising a compound according to claim 1.

4. (previously presented) An anti-tumor composition comprising a compound according to claim 1.

5. (presently amended) A method for treating ~~or preventing~~ tumors and/or reducing the risk thereof comprising ~~administering~~ administering to a subject in need thereof a therapeutically effective amount of a compound according to claim 1.

6. (previously presented) A method for producing a compound according to claim 1, wherein the method comprises the step of reacting apicidin (represented by formula 2):



(2)

with a hydrazine, carbazide or an amine, in the presence of an acid or a base.

7. (previously presented) The method of claim 6, wherein the step of reacting apicidin with the chosen compound involves the use of methanol or ethanol as a reaction solvent.

8. (previously presented) The method of claim 6, wherein the base is chosen from triethylamine or pyridine.

9. (previously presented) The method of claim 6, wherein the acid is acetic acid.

10. (previously presented) The method of claim 7, wherein the base is chosen from triethylamine or pyridine.

11. (previously presented) The method of claim 7, wherein the acid is acetic acid.